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June 1962

CONFIDENTIAL

PHOTOGRAPHIC INTERPRETATION REPORT

Declass Review
NIMA/DoD

OAK - PART III
MISSION 9035
30 MAY - 2 JUNE 1962



ARMY



NAVY



AIR FORCE



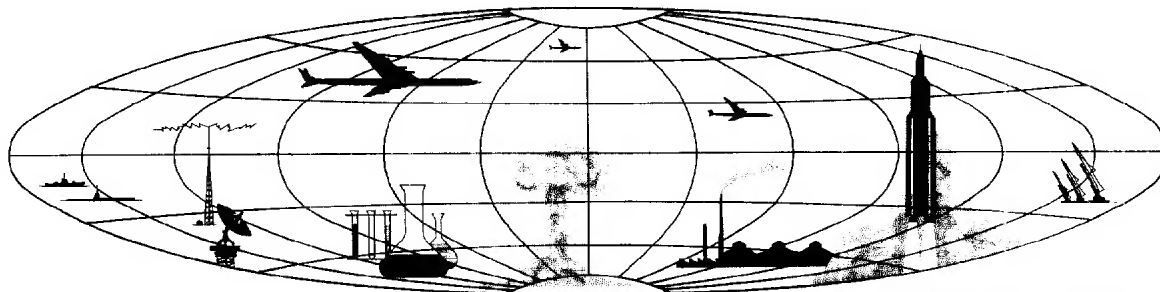
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



TOP SECRET

GROUP 1

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OAK - PART III MISSION 9035

PREFACE

THIS IS THE THIRD OF 4 DAILY OAK REPORTS BASED ON MISSION 9035 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK-REPORTING PERIOD FROM 1430 HOURS 8 JUNE 1962 TO 1430 HOURS 9 JUNE 1962, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED, BECAUSE OF LIMITING CONDITIONS, ARE ALSO INCLUDED. LISTS OF COMOR TARGETS NOT OBSERVED OR NOT COVERED BY THE PHOTOGRAPHY WILL BE INCLUDED IN THE FINAL OAK REPORT ON MISSION 9035.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK-REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT FOLLOWING THE LISTING OF COMOR TARGETS.

THE NAMES WHICH APPEAR IN THE HEADERS FOR MRBM SITES ARE THE NAMES WHICH CONFORM WITH TDI CRITERIA (REFERENCE -- NAMING OF SURFACE-TO-SURFACE INSTALLATIONS, J2DM-35-62, 14 FEB 62).

SELECTED PHOTOGRAPHIC REFERENCES ARE GIVEN FOR EACH TARGET OBSERVED AND REPORTED FOLLOWING THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE PREFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES FOLLOWING THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APRIL 1962.

ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

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NOTE -- OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY FROM MISSION 9035 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

25X6

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SUMMARY

STATUS OF COMOR TARGET READOUT

A TOTAL OF 38 TARGETS WERE OBSERVED DURING THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

SUMMARY OF MISSILE ACTIVITY

THE FOLLOWING IS A COMPILATION OF MISSILE LAUNCH FACILITIES (INCLUDING PROBABLES AND POSSIBLES) OBSERVED TO DATE ON MISSION 9035. THIS COMIPLATION INCLUDES ONLY THOSE FACILITIES WHICH HAVE BEEN IDENTIFIED FOR THE FIRST TIME FROM PHOTOGRAPHY --

TYPE	PART I	PART II	PART III	TOTAL
ICBM LAUNCH AREAS --	2	0	0	2
MRBM LAUNCH SITES --	7	4	1	12
SA-3 SAM LAUNCH SITES --	2	0	1	3

HIGHLIGHTS

A MRBM LAUNCH SITE HAS BEEN IDENTIFIED 3.7 NM NE OF PETRIKOV.
A PROBABLE SA-3 SAM SITE WAS IDENTIFIED 9 NM WSW OF SEVERODVINSK.
CONTINUED EXPANSION OF EXISTING FACILITIES IS NOTED AT THE SARY SHAGAN ANTIMISSILE TEST CENTER.

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MISSILES

REVISION TO OAK 9035 PART II (NPIC/R-86/62). THE COORDINATES FOR THE BRODY MRBM LAUNCH SITE (PAGE 12) SHOULD BE 50-13-15N 025-05-15E.

25X1A

[REDACTED] PLESETSK ICBM LAUNCH COMPLEX 6252N 04040E

SEARCH AREA WITHIN A 35 NM RADIUS SHOWED NO NEW ICBM ACTIVITY.

25X1D

NO MAJOR CHANGES APPARENT IN THE PLESETSK COMPLEX SINCE [REDACTED]

25X1D

THERE ARE SEVERAL SMALL CONSTRUCTION PROJECTS AT THE COMPLEX BUT THEY DO NOT APPEAR TO BE OF PRIMARY IMPORTANCE. THIS IS THE BEST COVERAGE TO DATE.

25X1D

SIGNIFICANT ITEMS [REDACTED] ARE AS FOLLOWS --
COMPLEX SUPPORT FACILITY -- 62-56N 040-39E --
X38.8-Y2.3

TRANSFER POINT -- 62-55N 040-45E -- X39.4-Y3.3

LAUNCH AREA A -- 62-58N 040-47E -- X38.9-Y4.3

LAUNCH POINT I, II -- 62-55N 040-28E -- X37.2-Y1.8

LAUNCH POINT III -- 62-56N 040-32E -- X37.5-Y2.4

LAUNCH POINT IV -- 62-57N 040-41E -- X38.4-Y3.5

25X1D

UNIDENTIFIED AREA BETWEEN A & B -- 63-01N 040-52E --
X39.2-Y5.3 [REDACTED]

25X1D

LAUNCH AREA B -- 63-03N 040-58E -- X39.4-Y1.2 [REDACTED]

25X1D

25X1D

25X1A

[REDACTED] YURYA ICBM LAUNCH COMPLEX 5914N 04929E

THE YURYA ICBM COMPLEX IS COVERED BY SCATTERED CLOUDS AND HAZE. OF THE PREVIOUSLY REPORTED ITEMS, ONLY LAUNCH AREAS A AND B AND SEVERAL SUPPORT AREAS ALONG THE SPUR LEADING TO THE COMPLEX (SEE NPIC/B-21/61) ARE RECOGNIZABLE. A 35-NM RADIUS SEARCH REVEALED NO ADDITIONAL ICBM ACTIVITY.

25X1D

SIGNIFICANT ITEMS [REDACTED] ARE AS
FOLLOWS --
LAUNCH AREA A -- 59-09N 049-33E -- X20.5-Y3.9

~~TOP SECRET CHESS RUFF~~

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LAUNCH AREA B -- 59-08N 049-41E -- X21.9-Y4.4

25X1D

25X1A

ARKHANGELSK SUSPECT ICBM AREA 6432N 04032E

A SEARCH WITHIN A 25 NM RADIUS OF ARKHANGELSK REVEALED NO EVIDENCE OF SSM ACTIVITY. THE NE 25 PERCENT OF THE SEARCH AREA WAS CLOUD COVERED.

25X1D

25X1A

ITATKA ICBM LAUNCH COMPLEX 5658N 08533E

SCATTERED CLOUDS LIMIT INTERPRETATION OF THE COMPLEX. LAUNCH AREA A IS PARTIALLY CLOUD COVERED AND B IS ALMOST COMPLETELY CLOUD COVERED. THE COMPLEX SUPPORT FACILITY IS VISIBLE AND A RAIL TO ROAD TRANSFER POINT IS NOW IDENTIFIABLE.

AT LAUNCH AREA A, THE LAUNCH PADS AND 3 STRUCTURES ALONG THE CENTER ROAD ARE VISIBLE. THERE IS AN ELONGATED DARK OBJECT ON BOTH PADS. NO MISSILE READY BUILDINGS ARE EVIDENT, PROBABLY DUE TO CLOUDS. THE ORIENTATION OF THE LAUNCH PADS IS APPROXIMATELY 10 DEGREES. AT LEAST 25 BUILDINGS ARE PRESENT IN THE LAUNCH SUPPORT AREA.

AT LAUNCH AREA B THE SUPPORT AREA APPEARS TO BE IN AN EARLIER STAGE OF CONSTRUCTION THAN AT A AND CONSISTS OF AT LEAST 15 BUILDINGS. THE COMPLEX MAIN ROAD TO B HAS BEEN IMPROVED.

THE COMPLEX SUPPORT FACILITY SHOWS LITTLE OR NO CHANGE FROM PRIOR COVERAGE. A RAIL-TO-ROAD TRANSFER POINT IS LOCATED NW OF THE COMPLEX SUPPORT FACILITY AT 56-31N 085-36E AND RESEMBLES TRANSFER POINTS AT SVOBODNY, PERM, AND TYEKOVO ICBM COMPLEXES.

THE HOUSING AREA EAST OF THE COMPLEX SUPPORT FACILITY CONTAINS 17 BARRACKS-TYPE BUILDINGS, 30 SMALLER BUILDINGS AND ONE LARGE U-SHAPED BUILDING.

25X2

~~TOP SECRET CHESS RUFF~~

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25X1D

PHOTO REFERENCES FOR SIGNIFICANT ITEMS

25X1D

ARE AS FOLLOWS --

25X1D

LAUNCH AREA A -- X48.8-Y4.3

25X1D

LAUNCH AREA B -- X47.0-Y4.3

COMPLEX SUPPORT -- X50.3-Y3.1
TRANSFER POINT -- X49.8-Y2.7

25X1D

25X1A

NYANDOMA SUSPECT ICBM LAUNCH COMPLEX 6139N 04010E

25X1D

THE SUSPECT ICBM LAUNCH COMPLEX, WHICH WAS NEGATED ON
IS CLOUD COVERED ON MISSION 9035.
A SEARCH OF THE NYANDOMA AREA PRODUCED NO EVIDENCE OF
ICBM ACTIVITY.

25X1D

25X1A

KHVALYNSK SUSPECT SSM AREA 5230N 04807E

A SEARCH WITHIN A 50 NM RADIUS OF KHVALYNSK REVEALED
NO EVIDENCE OF SSM ACTIVITY.

25X1D

25X1A

CHAPAYEVKA SUSPECT SSM AREA 5138N 04803E

CHAPAYEVKA SUSPECT SSM AREA IS A MINING ACTIVITY. NO
SSM ACTIVITY OBSERVED.

25X1D

25X1A

IZHEVSK SUSPECT SSM AREA 5650N 05311E

A SEARCH OF THE RAIL LINES AND SPURS WITHIN A 50 NM
RADIUS OF IZHEVSK REVEALED NO EVIDENCE OF SSM ACTIVITY.

25X1D

25X1A

BRATSK SUSPECT SSM AREA 5605N 10148E

ONLY WESTERN HALF OF 50 NM RADIUS OF BRATSK COVERED.

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NO EVIDENCE OF SSM ACTIVITY. HOWEVER, INTERPRETATION WAS LIMITED BY HEAVY CLOUD COVER AND PHOTO IMAGE QUALITY.

25X1D

25X1A

RZHEV SUSPECT SSM AREA 5615N 03420E

A SEARCH OF THE CLOUD FREE PORTION WITHIN A 50 NM RADIUS OF RZHEV REVEALED NO EVIDENCE OF SSM ACTIVITY OR UNIDENTIFIED RAIL-SERVED CONSTRUCTION ACTIVITY.

25X1D

25X1A

PENZA ICBM SEARCH 5312N 04501E

NO ICBM ACTIVITY OBSERVED WITHIN 50 NM RADIUS OF PENZA. THE SUSPECT RAIL-SERVED INSTALLATION (X62.1-Y2.4) SHOWS VERY LITTLE CONSTRUCTION PROGRESS SINCE FIRST SEEN ON

25X1D

25X1D

25X1D

25X1A

VOLKOVYSK SUSPECT MRBM AREA 5310N 02428E

NO SITES IDENTIFIED IN THE CLEAR PORTIONS OF THE 25 NM RADIUS SEARCH AREA.

25X1D

25X1A

KAMENETS-PODOLSKIY MRBM LAUNCH SITE 1 4851N 02642E

NO APPARENT CHANGE AT KAMENETS-PODOLSKIY MRBM LAUNCH SITE 1. A MATCHING LAUNCH SITE, DUNAYEVTSY MRBM LAUNCH SITE, AT 48-55-20N 026-59-00E, IDENTIFIED ON IS BARELY DISCERNIBLE.

25X1D

25X1D

25X1D

25X1A

NADVORNAYA SUSPECT MRBM AREA 4835N 02436E

FURTHER STUDY OF THE PROBABLE MISSILE SUPPORT AREA AT

TOP SECRET CHESS RUFF

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48-35N 024-36E, REPORTED IN OAK PART II, MISSION 9035,
PAGE 7, PERMITS IDENTIFICATION OF THIS AREA AS A
PROBABLE SAM SUPPORT FACILITY.

25X1D

25X1A

PARYSHCHE MRBM LAUNCH SITE 4838N 02442E

THIS IRREGULAR MRBM LAUNCH SITE APPEARS COMPLETE. IT
CONSISTS OF 4 PADS AND AT LEAST 2 READY BUILDINGS.

25X1D

25X1A

NOVA VES MRBM LAUNCH SITE 4839N 02448E

THIS MRBM SITE APPEARS COMPLETE AND IS IRREGULAR IN
CONFIGURATION RATHER THAN DUMBBELL AS PREVIOUSLY
REPORTED.

25X1D

25X1A

GRESK MRBM LAUNCH SITE 2 5316N 02745E

IDENTIFICATION ONLY. CONSTRUCTION STATUS CANNOT BE
DETERMINED.

25X1D

25X1A

VEPRIAI MRBM LAUNCH SITE 5508N 02438E

CONSTRUCTION STATUS OF THE SITE CANNOT BE DETERMINED,
BECAUSE TREE SHADOWS AND DARKNESS COVER THE PADS AND
SERVICE ROADS. THE SUPPORT AREA APPEARS COMPLETE.

25X1D

25X1A

KONKOVICHI MRBM LAUNCH SITE 5215N 02838E

THE KONKOVICHI MRBM LAUNCH SITE IS BARELY VISIBLE
THROUGH THE HAZE WHICH PRECLUDES THE DETERMINATION OF
ITS CONSTRUCTION STATUS.

A NEWLY IDENTIFIED MATCHING SITE, PETRIKOV MRBM LAUNCH
SITE, IS LOCATED AT 52-10-00N 028-34-35E, 3.7 NM NE OF

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25X1D PETRIKOV AND 5.5 NM SSW OF THE KONKOVICHI LAUNCH SITE.
IT CONTAINS 4 LAUNCH PADS ARRANGED IN A RECTANGULAR
PATTERN. NO READY BUILDINGS ARE DISCERNIBLE. THE
SUPPORT AREA WAS UNDER CONSTRUCTION ON [REDACTED]
THE SITE IS ROAD-SERVED FROM THE MULYAROVKA RAILROAD
STATION. HAZE PRECLUDES THE DETERMINATION OF WHETHER
OR NOT SITE IS COMPLETE.

25X1D KONKOVICHI MRBM LAUNCH SITE -- X8.8-Y3.6
PETRIKOV MRBM LAUNCH SITE -- X8.9-Y5.1
[REDACTED]

25X1A [REDACTED] VELIKOYE SELO SUSPECT MRBM SITE 5931N 03711E

25X1D THIS SUSPECT SITE NEGATED ON [REDACTED]
CLOUD COVERED ON MISSION 9035.

25X1D [REDACTED]

25X1A [REDACTED] BORKOVICHI MRBM LAUNCH SITE 5541N 02827E

25X1D NO MATCHING LAUNCH SITE OBSERVED IN VISIBLE AREAS.
[REDACTED]

25X1A [REDACTED] SARY SHAGAN ANTIMISSILE TEST COMPLEX 4612N 07348E

THE COMPLEX (SEE ATTACHMENT 1) WAS COVERED BY FAIR TO
GOOD PHOTOGRAPHY WITH GENERALLY CLEAR WEATHER.
SIGNIFICANT ITEMS INCLUDE -- 1) 110 FT DIAMETER DOMES
AT INSTRUMENTATION SITES 3, 6, AND 10, WITH SIMILAR
SUPPORTING ELEMENTS. 2) NEW CONSTRUCTION AT LAUNCH
COMPLEX B. 3) THE ADDITION OF AN INTERFEROMETER AT
INSTRUMENTATION SITE 3. 4) INTERFEROMETER DESIGN AT
ALL RANGE SITES NOW CONSISTS OF A PLUS CONFIGURATION
WHICH EXTENDS TO THE FULL 1,000 FT DIAMETER OF THE
CIRCULAR ROAD. 5) THE PRESENCE OF AIRSTRIPS AT ALL
FIXED RANGE INSTRUMENTATION AND COMMUNICATION SITES.
6) TWO NEWLY-IDENTIFIED MOBILE TERMINAL RANGE
INSTRUMENTATION SITES.

LAUNCH COMPLEX A
THIS COMPLEX IS COVERED BY FAIR TO GOOD PHOTOGRAPHY.
THE SAM LAUNCH FACILITIES (SEE ATTACHMENT 2) WILL

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REQUIRE A DETAILED STUDY TO ASCERTAIN NUMBER OR DESIGN. TWO LARGE STRUCTURES HAVE BEEN BUILT ADJACENT TO THE PROBABLE MISSILE SUPPORT AREA IN THE NE SECTION OF THE COMPLEX. MARKER BEACONS HAVE BEEN ADDED OFF THE SW END OF THE AIRFIELD.

LAUNCH COMPLEX B

THE ONLY SIGNIFICANT ADDITIONS TO THIS COMPLEX OCCUR AT THE LAUNCH AREA. AN AREA OF UNIDENTIFIED CONSTRUCTION ACTIVITY, CONSISTING OF A LARGE STRUCTURE AND TWO SMALL STRUCTURES, IS LOCATED JUST SW OF FACILITY B AT THE LAUNCH AREA. THIS ACTIVITY HAS A SUPERFICIAL SIMILARITY TO CONSTRUCTION ACTIVITY AT INSTRUMENTATION SITE 10.

INSTRUMENTATION SITE 1

25X1D

THE SITE HAS UNDERGONE CONSIDERABLE CHANGE SINCE IT WAS LAST CLEARLY SEEN IN [REDACTED] THE INTERFEROMETER FENCE AND CIRCULAR ROAD ARE STILL VISIBLE BUT THE INTERNAL AREA APPEARS TO BE IN A STATE OF RECONSTRUCTION. THE SUPPORT AREA HAS UNDERGONE NO SIGNIFICANT CHANGE. THE CIRCULAR CONCRETE PAD IS VISIBLE BUT NO VEHICLES ARE IN EVIDENCE. IN THE VICINITY OF THIS PAD IS AN EXPANSION OF THE CONTROL AREA CONSISTING OF AT LEAST 3 STRUCTURES AND DITCHING. ONE OF THESE STRUCTURES HAS HIGH END SECTIONS.

INSTRUMENTATION SITE 2

NO CHANGE SINCE NPIC/R-21/62.

INSTRUMENTATION SITE 3

25X1D

AN INTERFEROMETER HAS BEEN CONSTRUCTED BETWEEN THE SUPPORT AREA AND THE AIRSTRIP SINCE PHOTOGRAPHY OF [REDACTED]

INSTRUMENTATION SITE 4

AN E/W LIAISON-TYPE LANDING STRIP HAS BEEN BUILT JUST EAST OF THE SUPPORT AREA.

INSTRUMENTATION SITE 5

25X1D

NO SIGNIFICANT CHANGE SINCE PHOTOGRAPHY OF [REDACTED]

INSTRUMENTATION SITE 6

THIS SITE HAS MANY NEWLY-IDENTIFIED FEATURES WHICH MAY HAVE EXISTED FOR SOME TIME BUT, DUE TO POOR PHOTOGRAPHY, WERE NOT PREVIOUSLY IDENTIFIED. THE 110 FT DIAMETER DOME HAS SUPPORTING ELEMENTS SIMILAR TO THOSE AT SITES 3 AND 10. THESE NEWLY-IDENTIFIED SUPPORTING ELEMENTS AT SITE 6 CONSIST OF A 250 X 60

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FT STRUCTURE ADJACENT TO THE DOME, A 35 FT DIAMETER DOME ADJACENT TO THE STRUCTURE ON THE SIDE OPPOSITE THE 110 FT DOME, AND A TALL LATTICE TOWER. NEAR THE ABOVE MENTIONED FACILITIES IS A SECOND 250 X 60 FT STRUCTURE WITH AN ADJACENT POSSIBLE 50 FT DIAMETER DOME. A NEWLY-IDENTIFIED MICROWAVE STATION IS LOCATED ON THE WEST SIDE OF THE SITE.

INSTRUMENTATION SITE 7
ADDITIONS TO THIS SITE CONSIST OF A FOURTH 20 FT DIAMETER DOMED STRUCTURE AND AN AIRSTRIP UNDER CONSTRUCTION.

INSTRUMENTATION SITE 8
EXCELLENT COVERAGE OF THIS SITE REVEALS THREE NEWLY-IDENTIFIED DOMED STRUCTURES 20 FT IN DIAMETER.

INSTRUMENTATION SITE 9
IDENTIFICATION ONLY DUE TO POOR QUALITY PHOTOGRAPHY.

INSTRUMENTATION SITE 10
THE 110 FT DIAMETER WALL NOW IS COVERED BY A DOME. SOUTH OF THE SUPPORT AREA IS AN UNIDENTIFIED INSTALLATION UNDER CONSTRUCTION WHICH CONSISTS OF A MASSIVE STRUCTURE WITH 2 SMALLER STRUCTURES. THIS INSTALLATION HAS A SUPERFICIAL SIMILARITY TO ADDITIONAL CONSTRUCTION ADJACENT TO THE LAUNCH AREA OF COMPLEX B.

INSTRUMENTATION SITE 11
AN E/W AIRSTRIP IS UNDER CONSTRUCTION JUST SOUTH OF THE SITE.

INSTRUMENTATION SITE 12
SIX DOMES 20 FT IN DIAMETER ARE NOW LOCATED AT THE SITE.

COMMUNICATIONS
NO VISIBLE CHANGES AT COMMUNICATIONS SITES 1 OR 2. A POSSIBLE AIRSTRIP IS UNDER CONSTRUCTION ON THE SOUTH SIDE OF SITE 3. A LARGE POSSIBLE MICROWAVE STATION IS LOCATED BETWEEN INSTRUMENTATION SITES 6 AND 7.

MOBILE TERMINAL RANGE (IMPACT) INSTRUMENTATION
TWO NEWLY-IDENTIFIED POSSIBLE MOBILE INSTRUMENTATION SITES ARE LOCATED WITHIN THE PERIMETER OF THE FIXED INSTRUMENTATION SITES. ONE OF THESE MOBILE SITES IS LOCATED APPROXIMATELY 46-35N 071-00E AND CONTAINS AT LEAST 3 VEHICLES. THE SECOND SITE IS LOCATED AT APPROXIMATELY 46-40N 071-45E AND CONTAINS AT LEAST TWO

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VEHICLES.

SUPPORT BASE

THE ONLY SIGNIFICANT ADDITIONS IN THE SUPPORT BASE ARE SUPPORTING ELEMENTS AT THE 2 OPERATIONAL SA-2 SITES. THESE SUPPORTING ELEMENTS INCLUDE A SECURED EARTH-RETTED FLAT-ROOFED RECTANGULAR STRUCTURE WITH A NEARBY MULTISTORIED SQUARE STRUCTURE. THE COUNT AT THE SARY SHAGAN AIRFIELD TOTALS 75 AIRCRAFT. THIS COUNT INCLUDES 11 BADGER, 9 LARGE CARGO-TYPE, 10 PROBABLE TWIN-ENGINE CARGO-TYPE, 21 POSSIBLE BEAGLE, AND 24 SMALL UNIDENTIFIED-TYPES.

25X1D



25X1A



MOSCOW/KHIMKI GUIDED MISSILE PLANT 456 5554N 03727E

TWO TEST STANDS ARE IDENTIFIED AT THE NNE EDGE OF THE PLANT AREA ON HIGH STRIP ON THE SOUTH BANK OF THE KHMKA RIVER. THE PLANT AREA CONSISTS OF 6 LARGE ASSEMBLY/FABRICATION BUILDINGS (2 OBSERVED ON PHOTOGRAPHY FOR FIRST TIME) AND NUMEROUS SMALL ASSOCIATED BUILDINGS. THE PLANT AND TEST AREA ARE SECURED AND RAIL SERVED.

25X1D



25X1A



MOSCOW/TUSHINO AIRCRAFT PLANT 82 5550N 03727E

THREE LARGE ASSEMBLY/FABRICATION-TYPE BUILDINGS AND AT LEAST 30 SMALLER ASSOCIATED BUILDINGS ARE IDENTIFIABLE. POSSIBLE NEW CONSTRUCTION ACTIVITY IS UNDERWAY ON THE SW EDGE OF THE PLANT AREA. NO SUSPECT MISSILE ASSEMBLY EQUIPMENT COULD BE IDENTIFIED.

25X1D



25X1A



MOSCOW/KALININGRAD GUIDED MISSILE PLANT 88 5555N 03748E

NO TEST STAND IS IDENTIFIABLE IN THE PLANT AREA DUE TO POOR IMAGE QUALITY AND HAZE. A POSSIBLE STATIC TESTING AREA POSSIBLY ASSOCIATED WITH THE PLANT IS LOCATED 6 NM ENE AT THE FORMER LOCATION OF THE MOSCOW/NABEREZHNOYE AIRFIELD. THERE ARE APPROXIMATELY 15

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25X1D ASSOCIATED BUILDINGS IN THIS POSSIBLE STATIC TEST AREA.

25X1A MOSCOW AIRCRAFT PLANT DOGOLPRUDNAYA 464 5556N 03731E

25X1D PLANT CONSISTS OF 4 LARGE ASSEMBLY BUILDINGS, ONE TALL
BAY BUILDING, AND APPROXIMATELY 40 ASSOCIATED SMALLER
BUILDINGS. AREA IS SECURED AND RAIL-SERVED. EXPANSION
TO SOUTH OF OLD PLANT AS WELL AS TO NORTH AND WEST. NO
ROCKET ENGINE, MISSILE TEST STANDS, OR ASSOCIATED
EQUIPMENT CAN BE IDENTIFIED. 25 NM RADIUS AREA SEARCH
REVEALS A SUSPECT MISSILE TEST AREA APPROXIMATELY 25
NM ENE OF PLANT AREA AT 56-06N 038-13E

25X1D X42-Y31). AREA IS SECURED AND RAIL SERVED. IT IS
RECTANGULAR AND MEASURES APPROXIMATELY 15 X 3.5 NM IN
SIZE AND CONTAINS AT LEAST ONE POSSIBLE HORIZONTAL TEST
STAND, 5 SEPARATE SECURED AREAS, AND A LARGE HOUSING
AREA. CONSIDERABLE CONSTRUCTION ACTIVITY IN THE AREA.

25X1D

25X1A KARABASH SUSPECT MISSILE TEST FACILITY 5727N 06013E

25X1D THIS FACILITY IS IDENTIFIED AS A POSSIBLE SOLID
PROPELLANT MISSILE ENGINE MANUFACTURING PLANT (SEE
25X1D NPIC/R-77/62). NO APPARENT CHANGE SINCE

25X1D

25X1D

25X1A MEDVED SUSPECT MRBM AREA 5818N 03031E

NO SSM ACTIVITY IDENTIFIED WITHIN 25 NM RADIUS OF
MEDVED. THE EASTERN PART WAS CLEAR, HOWEVER, MOST OF
THE WESTERN PART WAS HAZY OR CLOUD COVERED.

25X1D

25X1A MARTSIENA POSSIBLE MISSILE SUPPORT INST 5647N 02607E

25X1D NO APPARENT CHANGE IN THE UNIDENTIFIED ACTIVITY SINCE

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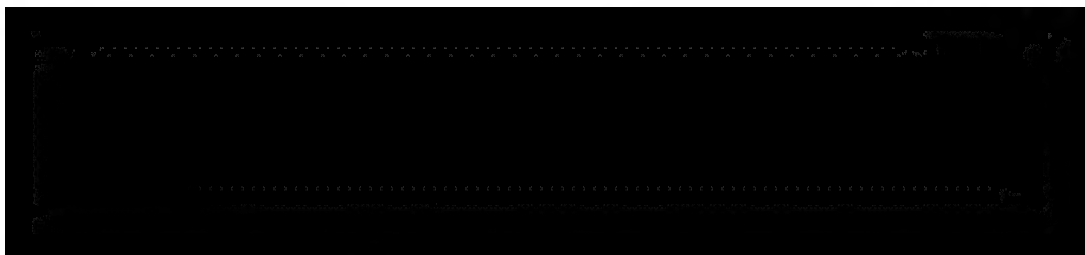
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25X1D [REDACTED] QUALITY IS NOT AS GOOD AS [REDACTED]
25X1D [REDACTED] NO MISSION ACTIVITY IDENTIFIED.
25X1D [REDACTED]
25X1A [REDACTED] AK MULLA SUSPECT MISSILE AREA 4721N 06528E
THE FIELD-TYPE LAUNCH FACILITY IS LOCATED AT
47-12N 065-28E. IT CONSISTS OF A FENCED AREA ENCLOSING
A LAUNCH POINT WHICH IS SURROUNDED BY 5 VEHICLE
REVTMENTS AND A SMALL PROBABLE SUPPORT AREA.
25X1D [REDACTED]
25X1A [REDACTED] CHIMBAY SUSPECT SSM AREA 4300N 05940E
NO EVIDENCE OF SSM ACTIVITY WITHIN 25 NM RADIUS OF
CHIMBAY.
25X1D [REDACTED]
25X1A [REDACTED] MUD-YUGA-VONGUDA RAIL LINE MISSILE SEARCH 6330N 04020E
ENTIRE MUD-YUGA-VONGUDA RAIL LINE IS COVERED BY GOOD-
QUALITY CLEAR PHOTOGRAPHY. NO SSM SITES ARE PRESENT,
AND NO MISSILE OR MISSILE-RELATED ACTIVITY OBSERVED.
25X1D [REDACTED]
25X1A [REDACTED] LUOSTARI/PECHENGA RR SEARCH 6925N 03100E
AREA MOSTLY CLOUD AND HAZE COVERED. NO SSM ACTIVITY
DISCERNIBLE IN THE CLEAR AREAS ALONG THE LUOSTARI/
PECHENGA RAILROAD.
25X1D [REDACTED]
25X1A [REDACTED] CHITA SUSPECT ABM AREA 5254N 11332E
HEAVY CLOUDS PRECLUDE A DETAILED SEARCH OF TARGET AREA.
NO ABM ACTIVITY OBSERVED IN THE FEW PORTIONS WHICH WERE
CLOUD FREE.

TOP SECRET CHESS RUFF

NPIC/R-87/62

25X1D



BONUS 1. SEVERODVINSK PROB SA-3 SAM SITE 6432N 03930E

A NEWLY IDENTIFIED PROBABLE SA-3 SAM SITE, UNDER
CONSTRUCTION, IS LOCATED 9 NM WSW OF SEVERODVINSK AT
64-32-40N 39-30-20E PLOTTED ON USATC SERIES 200, SHEET
0092-22A, 1ST ED, OCT 58.

25X1D



AIRCRAFT

25X1A

BORZYA AIRFIELD NW 5024N 11623E

25X2

AIRCRAFT -- 32

25X1D

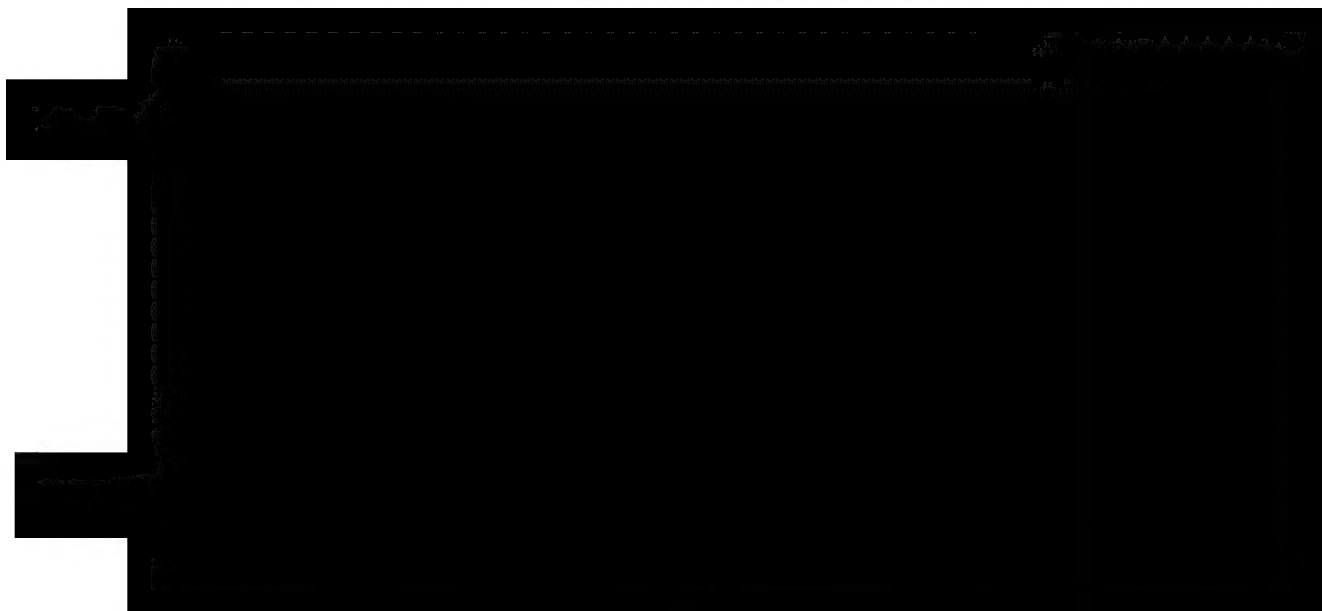
MEDIUM SWEEP-WING UNIDENTIFIED AIRCRAFT

25X1D

25X1D



25X1A



25X2

25X1A

25X2

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